

FIG. 12
AUTOMATIC MODE

The flowchart illustrates the AUTOMATIC MODE process for speech recognition. It begins with a horizontal timeline at the bottom, marked with vertical tick marks. Key events on the timeline include: 'InitialTimeout' (289), 'reco start' (283), 'speech detected' (285), 'speech endpoint' (287), 'utterance unrecognizable' (293), 'endSilence' (301), and 'maxTimeout' (299). Above the timeline, the process flow is as follows:

- InitialTimeout (289):** Leads to an oval labeled 'onSilence' (291).
- onSilence (291):** Leads to a rectangle labeled 'stop reco'.
- reco start (283):** Leads to an oval labeled 'speech detected' (285).
- speech detected (285):** Leads to a rectangle labeled 'reco start' (283).
- speech endpoint (287):** Leads to an oval labeled 'speech endpoint' (287).
- speech endpoint (287):** Leads to a rectangle labeled 'cancel reco'.
- utterance unrecognizable (293):** Leads to an oval labeled 'onNoReco' (293).
- onNoReco (293):** Leads to a rectangle labeled 'stop reco'.
- endSilence (301):** Leads to a diamond labeled 'recognition result'.
- recognition result:** Leads to an oval labeled 'onReco' (303) if 'confidence above threshold', and an oval labeled 'onNoReco' (293) if 'confidence below threshold'.
- onReco (303):** Leads to a rectangle labeled 'return result'.
- onNoReco (293):** Leads to a rectangle labeled 'stop reco'.
- Speech still being processed:** Leads to an oval labeled 'onNoReco' (293).
- recognizer error:** Leads to an oval labeled 'onTimeout' (297).
- onTimeout (297):** Leads to a rectangle labeled 'cancel reco'.
- maxTimeout (299):** Leads to an oval labeled 'onTimeout' (297).

[illegible]